

**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**“Sky Watchers”  
Summative Assessment**

1. Why don't we see the Sun at night?

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2. What is happening to the Earth to cause the day and night cycle? How long is the day and night cycle?

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3. Look at the picture above.

a. Where is it daytime? \_\_\_\_\_

Explain how you know.

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b. Where is it nighttime? \_\_\_\_\_

Explain how you know. \_\_\_\_\_

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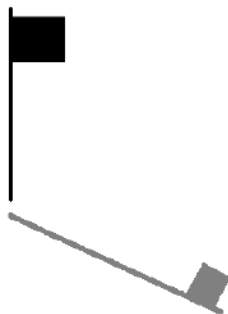
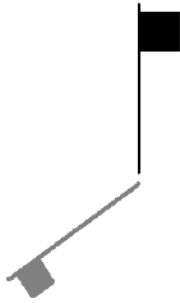
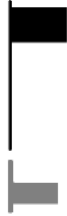
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4. Look at the shadows of the flags in the pictures below.

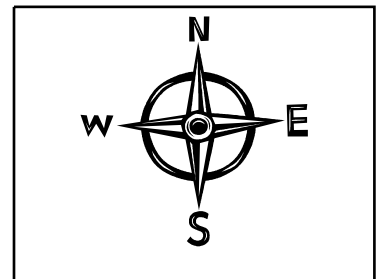
a. Label the pictures: morning, noon, and evening.

Draw the position of the Sun in each picture.

**west**



**east**



4b. Describe the position (direction) of the Sun as it appears to move throughout the day.

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**Crescent Moon**



*Image: Microsoft Clipart*

5. Is this the only phase of the Moon that will ever be seen in Delaware?

Explain your answer. \_\_\_\_\_

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6. We send rockets into space. We use telescopes to observe objects in space. How has this technology helped us learn more about the Solar System?

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7. The Sun is much bigger in size than the Moon but to us, the Sun and Moon appear to be the same size. Explain why.

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